

Please type a plus sign (+) inside this box →



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of 2

**Complete if Known**

Applicati n Numb r	09/507,630 — 09/992,156
Filing Dat	February 18, 2000
First Named Invent r	Raymond, Kenneth N.
Group Art Unit	1641
Examiner Name	Ceperley, M.
Attorney Docket Number	02307V-093411US

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MEC	AF	Blomberg, <i>et al.</i> , "Terbium and rhodamine as labels in a homogeneous time-resolved fluorometric energy transfer assay of the $\beta$ subunit of human chorionic gonadotropin in serum", <i>Clinical Chemistry</i> , 45(6):855-861 (1999)	
	AG	Bünzli, <i>et al.</i> , "Towards materials with planned properties: dinuclear f-f helicates and d-f non-covalent podates based on benzimidazole-pyridine binding units", <i>Journal of Alloys and Compounds</i> , 249:14-24 (1997)	
	AH	Chen, <i>et al.</i> , "Lifetime- and color-tailored fluorophores in the micro- to millisecond time regime", <i>J. Am. Chem. Soc.</i> , 122(4):657-660 (2000)	
	AI	Dickins, <i>et al.</i> , "Synthesis, time-resolved luminescence, NMR spectroscopy, circular dichroism and circularly polarised luminescence studies of enantiopure macrocyclic lanthanide tetraamide complexes", <i>Chem. Eur. J.</i> , 5(3):1095-1105 (1999)	
	AJ	Dickson, <i>et al.</i> , "Time-resolved detection of lanthanide luminescence for ultrasensitive bioanalytical assays", <i>Journal of Photochemistry and Photobiology, B: Biology</i> , 27:3-19 (1995)	
	AK	Galaup, <i>et al.</i> , "Mono(di)nuclear europium(III) complexes of macrobi(tri)cyclic cryptands derived from diazotetralactams as luminophores in aqueous solution", <i>Helvetica Chimica Acta</i> , 82:543-560 (1999)	
	AL	Hemmilä, <i>et al.</i> , "Development of luminescent lanthanide chelate labels for diagnostic assays", <i>Journal of Alloys and Compounds</i> , 249:158-162 (1997)	
	AM	de Sá, <i>et al.</i> , "Spectroscopic properties and design of highly luminescent lanthanide coordination complexes", <i>Coordination Chemistry Reviews</i> , 196:165-195 (2000)	
	AN	Sabbatini, <i>et al.</i> , "Luminescent lanthanide complexes as photochemical supramolecular devices", <i>Coordination Chemistry Reviews</i> , 123:201-228 (1993)	
	AO	Saha, <i>et al.</i> , "Time-resolved fluorescence of a new europium chelate complex: Demonstration of highly sensitive detection of protein and DNA samples", <i>J. Am. Chem. Soc.</i> , 115:11032-11033 (1993)	
	AP	Soini, <i>et al.</i> , "Time-resolved fluorescence of lanthanide probes and applications in biotechnology", <i>CRC Critical Reviews in Analytical Chemistry</i> , 18(2):105-154 (1987)	
	AQ	Steenroos, <i>et al.</i> , "Water-soluble neutral calix[4]arene-lanthanide complexes: Synthesis and luminescence properties", <i>J. Org. Chem.</i> , 62:4229-4235 (1997)	
	AR	Stenroos, <i>et al.</i> , "Homogeneous time-resolved IL-2IL-2Ra assay using fluorescence resonance energy transfer", <i>Cytokine</i> , 10(7):495-499 (July, 1998)	
	AS	Velopoulou, <i>et al.</i> , "Comparative study of fluorescent ternary terbium complexes. Application in enzyme amplified fluorimetric immunoassay for $\alpha$ -fetoprotein", <i>Analytica Chimica Acta</i> , 335:177-184 (1996)	
MEC	AT	Vicentini, <i>et al.</i> , "Luminescence and structure of europium compounds", <i>Coordination Chemistry Reviews</i> , 196:353-382 (2000)	

Examiner  
Signature

Mary E. Ceperley

Date  
Considered

05/13/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1291415 v1

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	00/607,630
		Filing Date	February 18, 2000
		First Named Inventor	Raymond, Kenneth N.
		Group Art Unit	1841
		Examiner Name	Ceperley, M.
Sheet 1 of 2	Attorney Docket Number	02307V-093411US	

10971 U.S. PTO  
09/992156  
11/14/01

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code 2 (if known)			
MFC	AA	5,049,280		Raymond, et al.	09/17/1991	
MFC	AB	5,820,849		Schmitt-Willich, et al.	10/13/1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>8</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
MFC	AC	PCT	WO 92/11039		The United States of America	07/09/92		
MFC	AD	EP	0 578 067	A1	Bayer AG	01/12/94		
MFC	AE	CA	2,099,542		Bayer AG	07/02/93		

Examiner Signature	Mary E. Ceperley	Date Considered	05/13/04
-----------------------	------------------	--------------------	----------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1291415 v1